



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000046142

### Submitted Date

19-09-2022

## PART A

### Company Information

#### Company Name

Shree Someshwar Sakhari Sakhar Karkhana Ltd.

#### Application UAN number

MPCB-CONSENT-0000117943

#### Address

A/P: Someshwarnagar, Tal: Baramati, Dist: Pune, 412306

#### Plot no

101,102&103

#### Taluka

Baramati

#### Village

Someshwarnagar

#### Capital Investment (In lakhs)

27305.49

#### Scale

L.S.I

#### City

Pune

#### Pincode

412306

#### Person Name

MR R.N.Yadav

#### Designation

Managing Director

#### Telephone Number

9421559295

#### Fax Number

02112282412

#### Email

someshwarsakhar@gmail.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

R12 Sugar ( excluding Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000117943

#### Consent Issue Date

2021-12-22

#### Consent Valid Upto

2022-07-31

#### Establishment Year

1956

#### Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Sugar

#### Consent Quantity

138000

#### Actual Quantity

138000

#### UOM

MT/A

### By-product Information

#### By Product Name

Bagasse

#### Consent Quantity

384000

#### Actual Quantity

313799

#### UOM

MT/A

Molasse

43200

32957

MT/A

Pressmud

42000

39875

MT/A

Electric Power

157680

103896

Mwh

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	600.00	550.00
Domestic	3236.00	2970.00
All others	155.00	151.00
Total	0.00	0.00
	3991.00	3671.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Tread Effluent	850	600	CMD
Sewage Effluent	124.5	124.5	CMD
Treated Effluent	974.5	735.5	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Sugar (excluding Khandsari)	0092	0.91	Ton/Ton

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Lime	0.141	0.137	Ton/Ton
Sulphur	0.043	0.034	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	384000	300550.81	MT/A

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
	Quantity				
pH	0	7.9	0	5.5 to 9.0	=
TSS	51	80	0	100	-
BOD 3 days	30	70	0	100	-
COD	95	108	0	250	-
Oil & Grease	3.0	3	0	10	-
TDS	1112	550	0	2100	-
Chlorides	220	199	0	600	-
Sulphates	390	137	0	1000	-

### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
SPM	1.2	96	0	150 mg/Nm <sup>3</sup>	=

### Part-D

#### HAZARDOUS WASTES

##### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0.45	0.71	MT/A

##### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0.04	0.05	MT/A

### Part-E

#### SOLID WASTES

##### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Boiler Ash	3600	4508.26	MT/A

##### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Sludge from water treatment	2.7	3.00	MT/A

##### 3) Quantity Recycled or Re-utilized within the unit

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0.51	0.71	MT/A

### Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

#### 1) Hazardous Waste

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	0.70	MT/A	Reused in own boiler as fuel

#### 2) Solid Waste

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Fly/Boiler ash	4508	MT/A	Sale to Bricks manufacturer /Soil Conditioning
Sludge from waste water treatment	3.00	MT/A	Used as manure

### Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
Max.condansate water is recycled back through cooling tower	330	45	350	550	7.5	3.0

## Part-H

### Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

#### [A] Investment made during the period of Environmental Statement

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Biogas utilized in existing boiler as a fuel	Saving Bagasse upto 35 Mt/day	7.5

#### [B] Investment Proposed for next Year

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Recycling of ETP treated water for Gardening and irrigation purpose	Also condansate water has been reused	12

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

Tree Plantation done every year at our factory premisses

#### Name & Designation

Mr. R.N. Yadav , Managing Director

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000046142

#### Submitted On:

19-09-2022